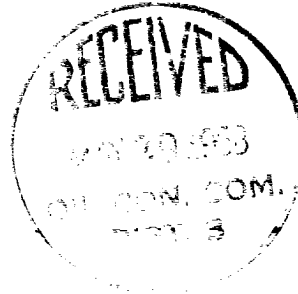


01191 ✓
EL PASO NATURAL GAS COMPANY

P. O. Box 997
Farmington, New Mexico

May 27, 1958



Mr. E. C. Arnold
Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, Schwerdtfeger 14-A (1M), 990S,
1750W, 8-27-8, San Juan County, New Mexico.

Dear Mr. Arnold:

The subject well was dually completed in the Pictured Cliffs and Mesa Verde zones and a packer was set at 2980 feet. The Mesa Verde zone was tested through a 3/4" choke for three hours May 15, 1958, with the following data obtained:

PC SIPC 800 psig; shut-in 46 days
PC SIPT 801 psig;

MV SIPT 1042 psig; shut-in 46 days

<u>Time Minutes</u>	<u>MV Flowing Pressure Tubing Psig</u>	<u>PC SIPC Psig</u>	<u>MV Working Pressure, Psig</u>	<u>Temp ° F</u>
15	445	802		66
30	405	802		66
45	387	802		66
60	366	802		66
120	-	-		-
180	313	802		66

The choke volume for the Mesa Verde was 3800 MCF/D with an AOF of 5373 MCF/D.

The Pictured Cliffs zone was tested May 23, 1958, with a 3/4" choke for 3 hours with the following data obtained:

PC SIPC 806 psig; shut-in 54 days
PC SIPT 807 psig;

MV SIPT 1051 psig; shut-in 8 days

May 27, 1958

<u>Time Minutes</u>	<u>PC Flowing Pressure Casing Psig</u>	<u>MV SIPT Psig</u>	<u>PC Working Pressure, Psig Tbg.</u>	<u>Temp ° F</u>
15	663	1051	672	62
30	561	1051	592	63
45	551	1051	562	65
60	531	1051	540	66
120	-	-	-	-
180	415	1053	427	69

The choke volume for the Pictured Cliffs test was 5,277 MCF/D with an AOF of 7,040 MCF/D.

The results of the above tests indicate there is no packer leakage.

Very truly yours,

M W Rischard
M. W. Rischard
Gas Engineer

MWR/nb

cc: W. M. Rodgers
E. S. Oberly (6)
File